

# M A Y

at the

## CALIFORNIA ACADEMY OF SCIENCES

### MAY MEETING (For Members Only)

DATES: Wednesday evening May 13  
or  
Thursday evening May 14  
TIME: 8:00 p.m.  
PLACE: May Treat Morrison Auditorium  
SPEAKER: Robert Ames  
SUBJECT: "COLLECTING FISH IN THE GULF OF CALIFORNIA"

The Academy's engrossment with the "Sea of Cortez" is an established fact, be it the flora or the fauna that abide in the area. For the past three years, Mr. Ames has accompanied Dr. Earl S. Herald, Associate Director for Steinhart Aquarium, and his company of collectors to La Paz for a week of collecting, photographing and observing, and has accumulated, over this time, a host of color photographs of the entire process.

The lower Gulf area is rich in fish and in the organisms that are the natural food of these fishes, thus, Mr. Ames, an accomplished diver-photographer, has recorded both fish (mostly non-food) and the invertebrate fauna peculiar to the locale. There are photographs of all sorts of fish activities such as cleaning (daytime), and sleeping (nighttime), as well as interesting others depicting the relationship and interaction between individuals.

Mr. Ames appeared before the membership in 1964 and demonstrated his friendly ability to share his experiences and establish a genuine rapport with his audience. Some of his excellent photographs are incorporated in the natural history section of the new Oakland Museum and he recently had his first one-man show at the Elmwood Gallery in Berkeley.

As indicated previously, there will be two separate meetings on Wednesday and Thursday evenings May 13 and 14 at 8:00 p.m. We hope you will share the guest tickets already in your possession with interested friends who might enjoy becoming members of the Academy. Your 1970 membership card is your admission. Two ways of ingress are available: Cowell

Hall, Main Entrance; and the rear Planetarium entrance off Middle Drive.

The June membership meetings are scheduled for Wednesday and Thursday evenings, June 17 and 18. The speaker will be Dr. George E. Lindsay, Director of the Academy.

### MORRISON PLANETARIUM

Beginning April 30 and continuing through June 21: "ALL ABOUT CALENDARS", an interested look at the frustrating, six-thousand year-old problem of creating the perfect calendar which hasn't as yet been resolved. The trouble is — well, come and see for yourself!

Performances daily at 2:00 with evening shows, Wednesday through Sunday, at 8:30. Extra matinees at 3:30 on Saturdays, Sundays and holidays. Closed Monday and Tuesday nights.

Admission: Adults, \$1.00, with half-price for children under 16, armed services personnel, and students with student body card.

### SPECIAL EVENTS

"MORRISON PRESENTS THE MOOG" on Sunday evening May 17 at 8:30 p.m. John Viera and Patrick Gleeson of the Different Fur Trading Company, an electronic music studio, will present a program of original compositions for the Moog synthesizer. During the program the starry heavens of the Theatre of the Stars will go full-tilt in a display of celestial wonders as visual accompaniment to this new form of music. Tickets: \$2.00 each.

"THE STARS AND J. S. BACH" will again be presented on Sunday and Monday evenings, May 24 and 25, at 8:30 p.m. Because of the enormous success of two previous sold-out performances, Miss Margaret Fabrizio, one of the West's finest harpsichordists, will again play the entire Goldberg Variations during which the great star projector will perform its wide scope of variations on Morrison's dome. Tickets: \$2.00 each.

Tickets for these special happenings go on sale Monday morning, May 4, 10:00 and are available by mail (write Morrison Planetarium, California Academy of Sciences, Golden Gate Park, San Francisco 94118), or at the Academy's Planetarium sales desk (ten to five daily) or at the Planetarium office during weekdays, again ten to five daily.

These will be the last special events in Morrison Planetarium until the autumn.

### SPECIAL EXHIBITS

"ROCK PAINTINGS OF TASSILI, SAHARA" by Douglas Mazonowicz continues in Cowell Hall through May 2.

"HALLEY'S COMET", a magnificent specimen of smoky quartz crystal with a rose quartz halo, is on exhibit in its own case in Cowell Hall. This beautiful rarity is a gift to the Academy from San Francisco designer Mr. Arthur Court and is featured in a full-color photograph in the May 1970 issue of *Esquire, The Magazine for Men*.

IN FOSSIL HALL. A fine representation of a California Plesiosaur (*Hydrotherosaurus wetherilli* Welles), a member of a family of marine reptiles who lived some 80 million years ago in the Cretaceous period of the Mesozoic era. These great animals adapted to life in the open seas but often frequented swamps and estuaries. Having flippers and serpent-like neck and head, they were descendants of Nothosaurs (meaning "like lizards" or "almost lizards"). The Academy specimen is 27 feet long (though some reached a length of 45 feet).

Jerry Glover of the Exhibits Department spent a month making a thermoplastic cast of the original (found some 30 years ago in shale called the Moreno Formation near Fresno, California) which is repositioned at the University of California at Berkeley. His casting is made up of multiple pieces of fibreglas, a medium that allows considerable artistic flexibility and a true and lifelike appearance. This is a permanent addition to Fossil Hall.

### RECENT SCIENTIFIC PUBLICATIONS OF THE

#### CALIFORNIA ACADEMY OF SCIENCES

##### PROCEEDINGS

"Late Pliocene Mollusks from San Francisco Peninsula, California, and Their Paleogeographic Significance". Warren O. Addicott. Vol. XXXVII, No. 3. December 10, 1969. \$1.25

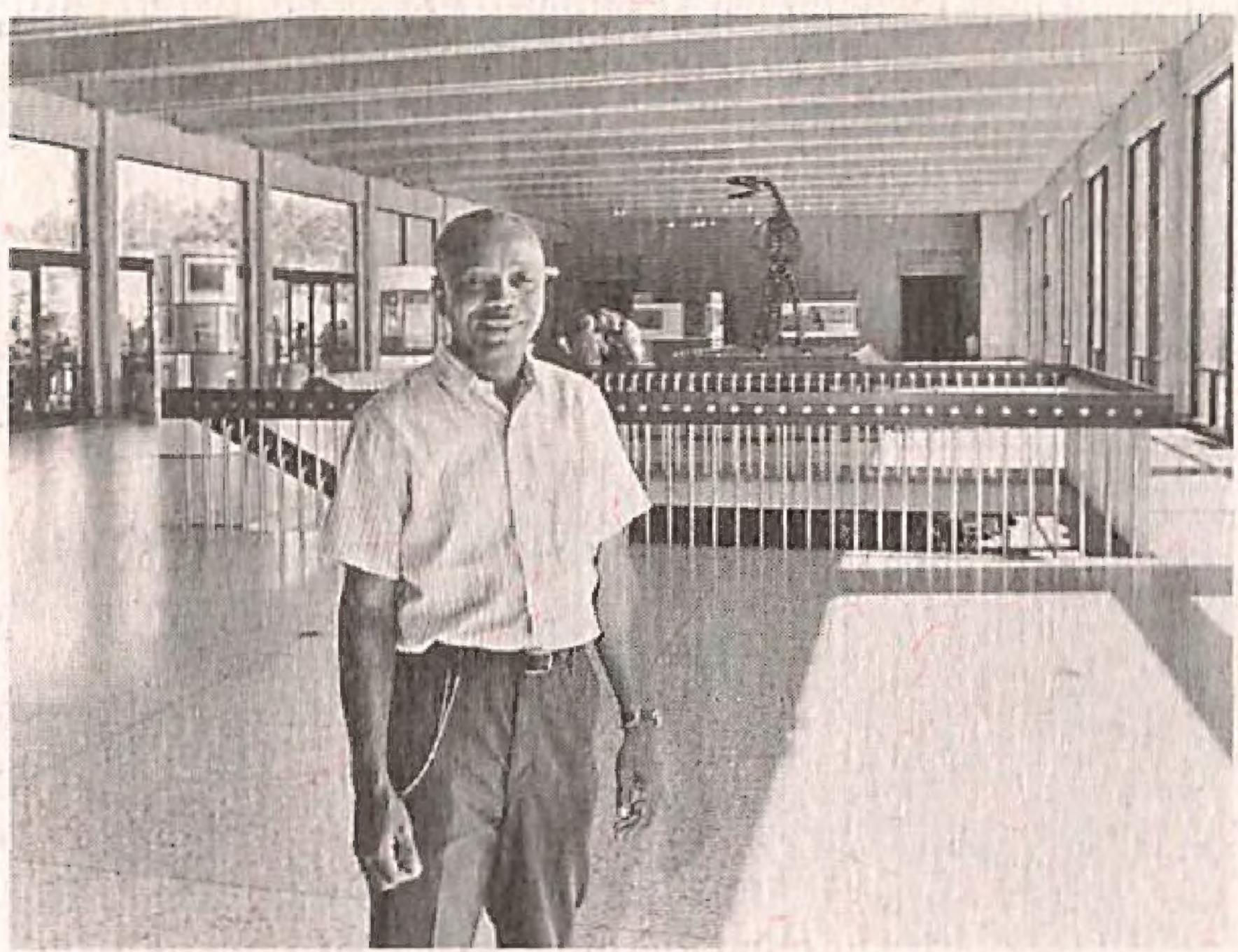
"The Biology of Storm Petrels in the Galapagos Islands". M. P. Harris. Vol. XXXVII, No. 4. December 10, 1969. \$1.50

##### OCCASIONAL PAPERS

"A Systematic Review of the Scorpionfishes of the Atlantic Ocean (Pisces: Scorpaenidae)". William N. Eschmeyer. No. 79. December 26, 1969. \$3.50

MISCELLANEA . . . The Director of the Academy has announced the resignation of Dr. Steven Anderson from the Department of Herpetology August 31, in order to accept a teaching position with the University of the Pacific at Stockton. . . . Again, the Academy anticipates having extended hours between June 25 and September 7. As of this writing it has not been established just how late in the evenings all buildings will be open.

## Meet The Staff . . .



**NORRIS COLEMAN**, Foreman, Maintenance, for the entire Academy (and no mean job that — to keep such an enormous complex of buildings in order), is a native of Lafayette, Louisiana, graduated from high school there and continued on to major in mechanical arts at Southern University at Scotlandville. After two years, he was employed as an equipment operator for the Federal Government in the Bay Area.

As it happened with so many, World War II intervened and he entered the U.S. Army in December 1943 and spent the subsequent 26 months, part stateside but for the most part with the 92d Division in Italy. He was mustered out in 1946 at Fort MacArthur and returned to San Francisco and employment as a Heavy Equipment Operator at the Oakland Army Base for the U.S. Government. In 1960, he resigned from that job to take up a civil service position in San Francisco and the Department of Public Works. All of which led up to his employment at the Academy in October of 1969. It should go on record in these brief paragraphs that the interior of the Academy has never been as ship-shape as it is now.

Norris and his wife Marion have three children and the eldest, a daughter, has presented them with their first grandchild.

The Coleman's have a ranch at Hopland near Ukiah, California, acreage which gives them a great deal of weekend pleasure. Norris enjoys hunting and fishing, and is an avid baseball, football and basketball fan.

## NEW MEMBERS OF THE ACADEMY

### Regular Members

Mr. Maurice W. Angvall  
 Mrs. Edmund Allison  
 Mr. Jack D. Arnold  
 Miss Helen Boortz  
 Mrs. Phylis M. Browning  
 Miss Anna I. Buck  
 Miss Janet M. Bustard  
 Miss Kathleen Carbine  
 Miss Barbara C. F. Chang  
 Mr. Joseph B. Coggiano  
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 Mrs. Josephine M. Coppedge  
 Mr. Mark De Lemos  
 Mr. John F. Dodds  
 Mr. Jack Duco  
 Mr. Charles F. Duke  
 Elementary Science  
 Resource Center  
 Mr. & Mrs. Gregory Esgate  
 Mrs. Max Fine  
 Mr. Robert Fox  
 Mrs. Milward V. Harris  
 Mr. Frederick M. Hart  
 Miss June S. Haseltine  
 Mr. William T. Holmes  
 Mr. B. V. Jarrett  
 Mr. Erland I. Jensen  
 Mrs. Gertrude Keizer  
 Mr. Clement Kwong  
 Dr. Jefferson Larkey

### Family Members

Mr. John W. Addison  
 Mr. Bryce P. Anderson  
 Mrs. Mary L. Aycock  
 Mr. & Mrs. R. D. Brain  
 Mr. Ernest Braun  
 Dr. Bradley C. Brownson  
 Dr. Harry E. Bryan  
 Mr. & Mrs. Henry Calvin  
 Cdr. & Mrs. R. K. Campbell  
 Mr. John Carmack  
 Mr. William G. Chaffee, Jr.  
 Mr. & Mrs. T. J. Corwin, Jr.  
 Mr. Colin G. Covey  
 Mr. Edward Danehy  
 Mr. William Diedrich  
 Mr. A. C. Dounchis  
 Mr. & Mrs. G. H. Eckhardt  
 Mr. & Mrs. Louis Felder  
 Mrs. Ron D. Fimrite  
 Mr. Martin Finberg  
 Mrs. Arlene B. Finn  
 Mr. & Mrs. Gard S. Forester  
 Mr. Sam S. Gallinger  
 Mr. & Mrs. Shelley E. Giles  
 Mrs. Phyllis Glaser  
 Mr. & Mrs. C. A. Goerss  
 Mr. John W. Good  
 Mr. Richard A. Goodman  
 Mr. George E. Greenwood  
 Dr. George A. Gregory  
 Mr. & Mrs. M. K. Gregory  
 Mr. Don D. Hamilton  
 Mr. & Mrs. Frank E. Henrich  
 Mr. & Mrs. Irving Hochman  
 Mr. & Mrs. D. Holman  
 Mrs. Kenneth Horrell  
 Mr. Charles S. Hoyle  
 Dr. John Huffer

Mrs. Judith A. Woods

### Contributing Members

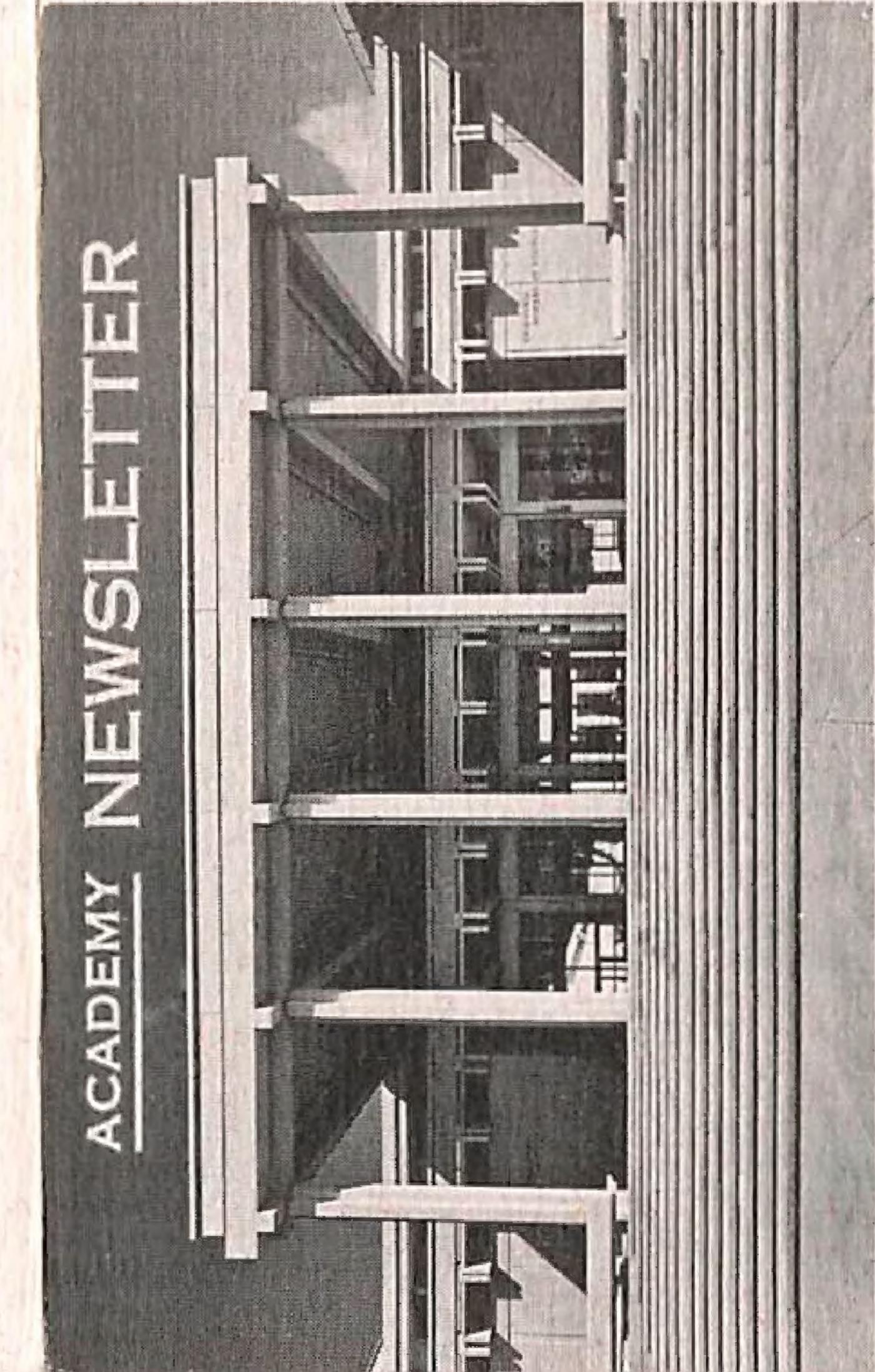
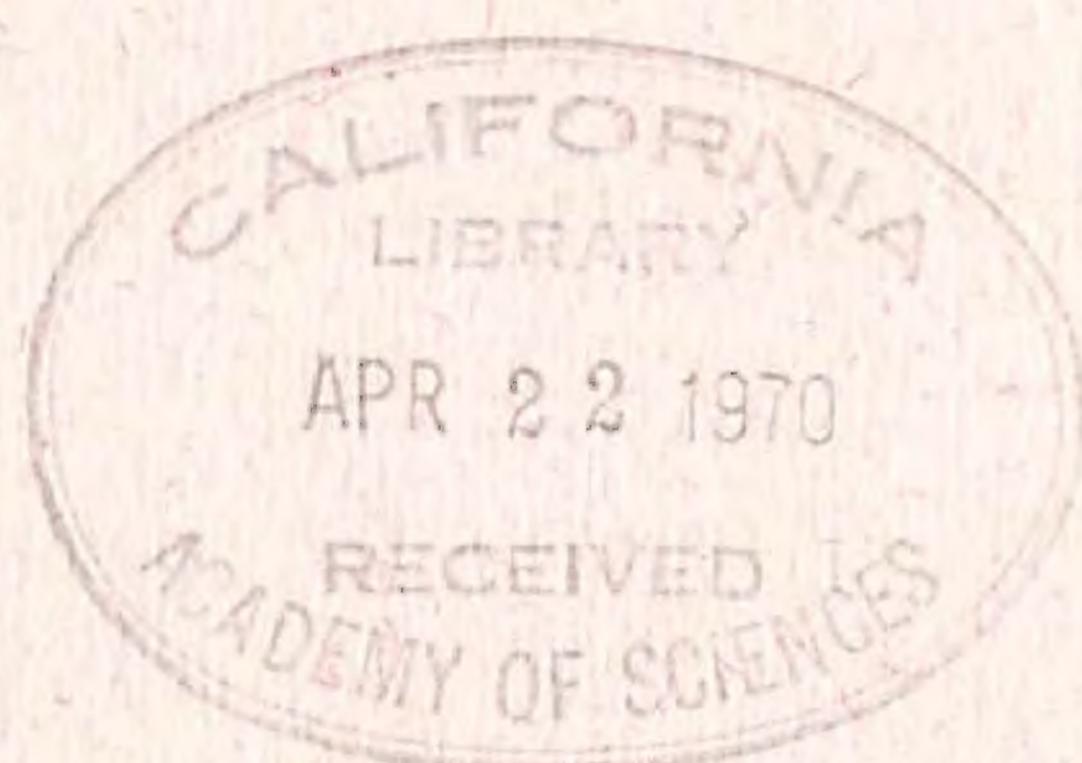
Miss Doris E. Garnick  
 Miss Joan M. Norman  
 Mr. & Mrs. M. L. O'Shea  
 Mrs. Robert L. Usinger

### Life Member

Mr. Edward T. Harrison, Jr.

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